

**ORAL CREATINE SUPPLEMENTATION FOR
TREATING OR PREVENTING MUSCLE DISUSE SYNDROME**

ABSTRACT OF THE DISCLOSURE

The present invention relates to the use of a creatine compound, in particular creatine or a creatine analogue, for the manufacture of a therapeutic preparation for the prevention or treatment of muscle disuse syndrome in a subject. The invention further relates to a therapeutic preparation for treating or preventing muscle disuse syndrome, comprising a suitable carrier, diluent or excipient and an effective amount of one or more creatine compounds.